

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 09055245
PUBLICATION DATE : 25-02-97

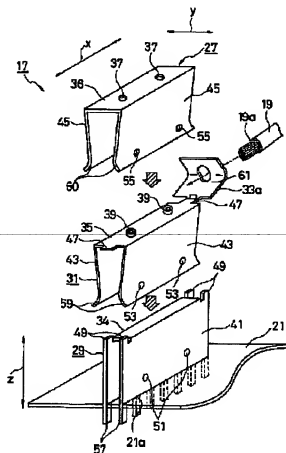
APPLICATION DATE : 10-08-95
APPLICATION NUMBER : 07204785

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INT.CL. : H01R 9/09 H01R 4/48 H01R 15/00

TITLE : CONNECTOR FOR HEAVY CURRENT
SUBSTRATE



ABSTRACT : PROBLEM TO BE SOLVED: To provide the connector which secures a contact area permitting heavy current to flow through both a male and a female terminal, and makes easy connection between a power supply line and a substrate by bending the male terminal to be directly attached to the substrate into a U shape, and also bending and forming the female terminal holding the male terminal.

SOLUTION: The connector 17 for heavy current substrate is made up of a male terminal 29 which is bent roughly into a U shape in cross section with paired side walls 41 directly attached to a substrate 21 and a base wall 34, paired elastic side walls 43 holding the aforesaid male terminal 26, and of a female terminal 31 which is bent and formed integrally together with a base plate 35 having a connecting part with a power supply line extended. A female terminal 31 is held by an insulating cover 27 which is bent integrally with paired elastic side walls 45 and a base wall 36. The side wall 41 of the male terminal 29 directly attached to the power supply line 19 is held by the elastic side walls 45 of the female terminal 31 to be connected to the terminal 19 a of the power supply line 19. By this constitution, connection can easily be made between the power supply line 19 and the substrate 21.

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